

AMENDMENTS TO THE SPECIFICATION:

Please amend the title to read:

SYSTEM AND METHOD FOR TRACKING CHEMICAL ENTITIES IN AN LC/MS
SYSTEM

Please amend paragraph 96, beginning on page 21 as follows:

A definitive identification can be made by taking the exact mass of these associated peptides (the ones that change in concert) and identifying them using standard peptide fingerprinting software, such as provided by peptide mass fingerprint software, available from <http://www.matrixscience.com> ~~matrixscience.com~~ or prospector.ucsf.edu.